Author Alphabetical Index for 2002

NAME	ISSUE #	PAGE #.	PAPER TITLE
A			
Adamchak, John C.	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Assakkaf, Ibrahim A.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Assakkaf, Ibrahim A.	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Assakkaf, Ibrahim A.	2	69	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Unstiffened Panels of Ship Structures
Assakkaf, Ibrahim A.	2	89	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Stiffened Panels and Grillages of Ship Structures
Assakkaf, Ibrahim A.	2	113	Reliability-Based Design Guidelines for Fatigue of Ship Structures
Assakkaf, Ibrahim A.	2	139	Uncertainties in Material and Geometric Strength and Load Variables
Assakkaf, Ibrahim A.	2	181	Risk Analysis and Management for Marine Systems
Atua, Kahled	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Atua, Kahled	2	89	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Stiffened Panels and Grillages of Ship Structures
Ayyub, Bilal M.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Ayyub, Bilal M.	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Ayyub, Bilal M.	2	69	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Unstiffened Panels of Ship Structures
Ayyub, Bilal M.	2	89	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Stiffened Panels and Grillages of Ship Structures
Ayyub, Bilal M.	2	113	Reliability-Based Design Guidelines for Fatigue of Ship Structures
Ayyub, Bilal M.	2	139	Uncertainties in Material and Geometric Strength and Load Variables
Ayyub, Bilal M.	2	167	Assessment of Cumulative Lifetime Seaway Loads for Ships
Ayyub, Bilal M.	2	181	Risk Analysis and Management for Marine Systems
B			
Baldwin, Chris	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Beach, Jeffrey E.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Beach, Jeffrey E.	2	181	Risk Analysis and Management for Marine Systems
Bradick, Andrew	1	51	Application of Guns in Naval Force Protection
Breslin, David A., P.E.	1	27	A Statistical Method for Estimating the Life Expectancy of Certain Shipboard Equipment
Breslin, David A., P.E.	4	95	Monitoring the Navy's Strategic Reserve of Ozone-Depleting Substances
Bruchman, Daniel	2	139	Uncertainties in Material and Geometric Strength and Load Variables
C			
Chen, Peter	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Chen, Shiping	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Christiansen, Martin	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Cohen, Steven H.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
Conley, Judy A.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Corbett, James J., P.E.	1	93	Commercial Marine Emissions and Life-Cycle Analysis of Retrofit Controls in a Changing Science and Policy Environment
Coussa, Michael R.	1	71	Navy Mobile Instrumentation System

Author Alphabetical Index for 2002

NAME	ISSUE #	PAGE #.	PAPER TITLE
D			
Day, Dana L., Dr.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
E			
Ebrahimi, M.	4	77	Gas Turbine Propulsion Plant Control
F			
Farsaie, Ali, Dr.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
Fischbeck, Paul S.	1	93	Commercial Marine Emissions and Life-Cycle Analysis of Retrofit Controls in a Changing Science and Policy Environment
G			
Gross, Gary D.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
Guilfoyle, Jack	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
H			
Hess, Paul E., III	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Hess, Paul E., III	2	69	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Unstiffened Panels of Ship Structures
Hess, Paul E., III	2	89	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Stiffened Panels and Grillages of Ship Structures
Hess, Paul E., III	2	139	Uncertainties in Material and Geometric Strength and Load Variables
Hoggard, Mark M.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
K			
Kiddy, Jason	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Kihl, David P.	2	113	Reliability-Based Design Guidelines for Fatigue of Ship Structures
Knight, David E.	2	69	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Unstiffened Panels of Ship Structures
Korkalo, Christine M.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
L			
Latimer, John A.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
Lee, Dongkon	4	21	Decision-Aid System for Survivability of Damaged Conventional Military Submarines
Lee, Jaeyong	4	21	Decision-Aid System for Survivability of Damaged Conventional Military Submarines
Lee, Kyung-Ho	4	21	Decision-Aid System for Survivability of Damaged Conventional Military Submarines
M			
McKesson, Chris B., P.E.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
Melton, William M.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Melton, William	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Metry, Richard E.	3	103	Assuring a Sea Vehicles Science and Technology Base for Transforming the 21st Century Navy

NAME	ISSUE #	PAGE #.	PAPER TITLE
Michaelson, Robert W.	2	167	Assessment of Cumulative Lifetime Seaway Loads for Ships
Mulkern, Kevin M.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
N			
Nappi, Natale, Jr.	2	23	Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures
Niemczuk, John	1	63	Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System
Novick, Peter	1	43	Toward More Effective Technology Insertions for Chemical and Biological Defense
O			
Oakes, Mark C.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
Overman, Jack P., P.E.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
P			
Pavlopoulos, Theodore G.	4	31	Blue-Green Dye Lasers for Underwater Illumination
Puglisi, Donald C.	1	35	Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support
R			
Ramamurti, Ravi	4	41	Unstructured Grids for Ship Unsteady Airwakes: A Successful Validation
S			
Sandberg, William C.	4	41	Unstructured Grids for Ship Unsteady Airwakes: A Successful Validation
Sarkani, Shahram	2	181	Risk Analysis and Management for Marine Systems
Scott, Robert J.	3	117	Patrol Craft Requirements for Technology Predictions Through 2020
Siev, Michael W.	2	113	Reliability-Based Design Guidelines for Fatigue of Ship Structures
Sikora, Jerome P.	2	43	Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending
Sikora, Jerome P.	2	167	Assessment of Cumulative Lifetime Seaway Loads for Ships
Smith, Dennis E., Ph.D.	1	27	A Statistical Method for Estimating the Life Expectancy of Certain Shipboard Equipment
Smith, Dennis E., Ph.D.	4	95	Monitoring the Navy's Strategic Reserve of Ozone-Depleting Substances
T			
Toby, A. Steven	4	55	To the Edge of the Possible: U.S. High Speed Destroyers, 1919-1942 — Part 2: Secondary Hull Form Parameters
Toms, Gregory S., P.E.	1	27	A Statistical Method for Estimating the Life Expectancy of Certain Shipboard Equipment
Toms, Gregory S., P.E.	4	95	Monitoring the Navy's Strategic Reserve of Ozone-Depleting Substances
Truver, Scott C., Ph.D.	3	103	Assuring a Sea Vehicles Science and Technology Base for Transforming the 21st Century Navy
V			
Vogt, Christopher J.	1	43	Toward More Effective Technology Insertions for Chemical and Biological Defense
W			
Whalley, R.	4	77	Gas Turbine Propulsion Plant Control
Whitman, Edward C., Ph.D.	3	103	Assuring a Sea Vehicles Science and Technology Base for Transforming the 21st Century Navy
Wright, Ashley Mid'n, USN	3	103	Assuring a Sea Vehicles Science and Technology Base for Transforming the 21st Century Navy

Chronological Index for 2002

WINTER 2002, VOLUME 114, NO. 1

TITLE	AUTHOR	PAGE #
A Statistical Method for Estimating the Life Expectancy of Certain Shipboard Equipment	Dennis E. Smith, Ph.D., David A. Breslin, P.E., Gregory S. Toms, P.E.	27
Engineering Aegis Cruiser Topsides: Enhancing Design Capabilities and Life Cycle Support	Dr. Dana L. Day, Donald C. Puglisi, Gary D. Gross, John A. Latimer, Kevin M. Mulkern, Dr. Ali Farsaie, Christine M. Korkalo	35
Toward More Effective Technology Insertions for Chemical and Biological Defense	Christopher J. Vogt Peter Novick	43
Application of Guns in Naval Force Protection	Andrew Bradick	51
Structural Testing of Navy Vessels Using Bragg Gratings and a Prototype Digital Spatial Wavelength Domain Multiplexing (DSWDM) System	Chris Baldwin John Niemczuk Jason Kiddy Peter Chen Martin Christiansen Shiping Chen	63
Navy Mobile Instrumentation System	Michael R. Coussa	71
Commercial Marine Emissions and Life-Cycle Analysis of Retrofit Controls in a Changing Science and Policy Environment	James J. Corbett , P.E. Paul S. Fischbeck	93

SPRING 2002, VOLUME 114, NO. 2

TITLE	AUTHOR	PAGE #
Methodology for Developing Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Ship Structures	Bilal M. Ayyub Ibrahim A. Assakkaf Jeffrey E. Beach William M. Melton Natale Nappi, Jr Judy A. Conley	23
Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Hull Girder Bending	Bilal M. Ayyub Ibrahim A. Assakkaf Jerome P. Sikora John C. Adamchak Khaled Atua William Melton Paul E. Hess, III	43
Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Unstiffened Panels of Ship Structures	Ibrahim A. Assakkaf Bilal M. Ayyub Paul E. Hess, III David E. Knight	69
Reliability-Based Load and Resistance Factor Design (LRFD) Guidelines for Stiffened Panels and Grillages of Ship Structures	Ibrahim A. Assakkaf Bilal M. Ayyub Paul E. Hess, III Khaled Atua	89
Reliability-Based Design Guidelines for Fatigue of Ship Structures	Bilal M. Ayyub Ibrahim A. Assakkaf David P. Kihl Michael W. Siev	113
Uncertainties in Material and Geometric Strength and Load Variables	Paul E. Hess, III Daniel Bruchman Ibrahim A. Assakkaf Bilal M. Ayyub	139

Chronological Index for 2002

TITLE	AUTHOR	PAGE #
Assessment of Cumulative Lifetime Seaway Loads for Ships	Jerome P. Sikora Robert W. Michaelson Bilal M. Ayyub	167
Risk Analysis and Management for Marine Systems	Bilal M. Ayyub Jeffrey E. Beach Shahram Sarkani Ibrahim A. Assakkaf	181

SUMMER 2002, VOLUME 114, NO. 3

TITLE	AUTHOR	PAGE #
ASNE Day 2002 Meeting Wrap-Up	Various	29-99
Assuring a Sea Vehicles Science and Technology Base for Transforming the 21st Century Navy	Richard E. Metrey Scott C. Truver, Ph.D. Edward C. Whitman, Ph.D. Mid'n Ashley Wright, USN	103
Patrol Craft Requirements for Technology Predictions Through 2020	Jack P. Overman, P.E. Steven H. Cohen Mark M. Hoggard Jack Guilfoyle Chris B. McKesson, P.E. Mark C. Oakes Robert J. Scott	117

WINTER 2003, VOLUME 114, NO. 4

TITLE	AUTHOR	PAGE #
Decision-Aid System for Survivability of Damaged Conventional Military Submarines	Dongkon Lee Jaeyong Lee Kyung-Ho Lee	21
Blue-Green Dye Lasers for Underwater Illumination	Theodore G. Pavlopoulos	31
Unstructured Grids for Ship Unsteady Airwakes: A Successful Validation	Ravi Ramamurti William C. Sandberg	41
To the Edge of the Possible: U.S. High Speed Destroyers, 1919-1942 — Part 2: Secondary Hull Form Parameters	A. Steven Toby	55
Gas Turbine Propulsion Plant Control	R. Whalley M. Ebrahimi	77
Monitoring the Navy's Strategic Reserve of Ozone-Depleting Substances	Dennis E. Smith, Ph.D. David A. Breslin, P.E. Gregory S. Toms, P.E.	95